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PTO/SB/21 (08-00)
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/039,447
Filing Date	November 9, 2001
First Named Inventor	Ruettinger
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	4794A

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	References
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric A. Meade, Reg. No. 42,876
Signature	<i>E. A. Meade</i>
Date	March 7, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 03/07/2002

Typed or printed name	Eric A. Meade	Date	March 7, 2002
Signature	<i>E. A. Meade</i>		

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3/7/02

DATE

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Attorney Docket No. 4794A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ruettinger et al.

Serial No.: 10/039,447

Filed: November 9, 2001

For: Enhanced Stability Water-Gas Shift Reaction Catalysts

Group Art Unit No.: unknown

Examiner: unknown

Commissioner of Patents
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.56**

Listed on the enclosed copy of Modified PTO-1449 form designated "A" which recites the application information for the application to which this application claims priority under 35 U.S.C. §120, but has been edited to indicate the current application data. Pursuant to 37 CFR 1.98(d), NO COPIES OF THE REFERENCES ARE ENCLOSED. The prior applications that provide the source of these references are:

Serial No. 09/771,812, filed January 29, 2001

Listed on the enclosed Modified PTO-1449 form designated "B" in accordance with 37 CFR 1.98(a)(2). The references cited in this form are enclosed herewith.

The Examiner is requested to consider carefully the complete text of these references in connection with the examination of this application. It is believed that the Examiner will concur with Applicant's belief that the foregoing references do not adversely affect the patentability of the subject matter presently claimed, taken alone or in combination.

It is requested that the listed references be included in the "References Cited" portion of any patent issuing from this application.

(1) **This Supplemental Information Disclosure Statement is being filed:**

- ☐ within three months of the filing date of the patent application.
- ☐ within three months of the date of entry into the national stage as set forth in 37 CFR 1.491 of the international application.
- ☒ **before** the mailing date of a first Office Action on the merits.
- ☐ **after** the mailing date of the first Office Action on the merits, but **before** the mailing date of
 - a Final Action under 37 CFR 1.113,
 - a Notice of Allowance under 37 CFR 1.311, or
 - an action that otherwise closes prosecution,and is accompanied by either:
 - ☐ the Statement under 37 CFR 1.97(e) (see "Statement" below), **or**
 - ☐ the fee under 37 CFR 1.17(p).
- ☐ **after** the mailing date of
 - a Final Action under 37 CFR 1.113,
 - a Notice of Allowance under 37 CFR 1.311, or
 - an action that otherwise closes prosecution,,and is accompanied by both:
 - the Statement under 37 CFR 1.97(e) (see "Statement" below), **and**
 - the fee under 37 CFR 1.17(p).

(2) **Statement**

- ☐ The **undersigned attorney** hereby states that each item information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Supplemental Information Disclosure Statement.

(If this box is checked, do not check any further Statement boxes.)

or

- ☐ The **person signing immediately below** hereby states that no item of information contained in the Supplemental Information Disclosure was cited in any communication from any foreign patent office in any counterpart foreign patent application or, to the knowledge of the person

signing after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Supplemental Information Disclosure Statement.

The person making the statement is:

- ☐ the inventor(s) who sign(s) below:

Signature of the Inventor(s)

Typed or Printed Name of the Inventor(s)

or

- ☐ a person who is substantively involved in the preparation or prosecution of the application, and who is associated with the inventor(s), or with the assignee, or with anyone to whom there is an obligation to assign the application (37 CFR 1.565(c)) and who signs below:

Signature of the Person(s)

Typed or Printed Name of the Person

Address of Person Signing

or

- ☐ the undersigned attorney who signs on the basis of the information:

- ☐ supplied by the inventor(s).
☐ supplied by an individual designated in 37 CFR 1.56(c).
☐ in the attorney's file.

Signature of the Agent

Serial No. 10/039,447
Docket No. 4794A

(4) Fees

- ☒ No Fee is owed by the applicants.
- ☐ The IDS Fee of \$180.00 under 37 CFR 1.17(p) is enclosed herewith.

(5) Method of Payment of Fees

- ☐ Attached is a check in the amount of \$_____.
- ☐ Applicants hereby authorize the Commissioner to charge the \$180.00 IDS Fee to Deposit Account No. 50-0258.

(6) Authorization to Charge Additional Fees

- ☒ Applicants hereby authorize the Commissioner to charge any additional fees deemed required for consideration of this Paper to Deposit Account No. 04-0480.

A prompt and favorable response is earnestly solicited.

Respectfully submitted,



Eric A. Meade

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PATENT & TRADEMARK

Form PTO - 1449 U.S. Department of Commerce
Patent and Trademark Office
(Modified)

Attorney Docket No. 4794A
Serial No.: 10/039,447
Applicant: Ruettinger, et al.
Filing Date: November 9, 2001
Group No. Not Yet Assigned

A

Information Disclosure
Statement by Applicant
(use several Sheets if necessary)

U.S. PATENT DOCUMENTS

Exmr Initial	Patent Number	Issue Date	Patentee	Class	Sub- Class	Filing Date If Appropriate
AA	3,922,337	11/25/75	Campbell et al.			
BB	4,711,773	12/8/87	Mesters et al.			
CC	4,996,180	2/26/91	Diwell et al.			
DD	5,030,440	7/9/91	Lywood et al.			
EE	5,063,193	11/5/91	Bedford et al.			
FF	5,877,377	3/2/99	Golunski et al.			
GG	5,990,040	11/23/99	Hu et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exmr Initial	Document Number	Publn Date *	Country or Patent Office	Class	Sub- Class	Translation? Yes No
HH	WO 00/66486	11/9/00	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Place of Publication)**

II	Applied Catalysis B: Environmental 4 (1994) 105-140 (Barbier). Steam effects in three-way catalysis.
JJ	Catalysis Letters 50 (1998) 41-48 (Park) The influence of surface structure on the catalytic activity of cerium promoted copper oxide catalysts on alumina: oxidation of carbon monoxide and methane.
KK	Catal. Rev. Sci. Eng., 21(2), 275-318 (1980) Newsome, The Water-Gas Shift Reaction.
LL	Applied Catalysis B: Environmental, 3 (1993) 61-83, Reactivity of steam in exhaust gas catalysis, (Barbier)

Examiner	Date Considered

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO - 2)

- * Use publication date indicated on the patent or published application. 37 CFR 1.98(b).
- ** The place or publication refers to the name of the journal, magazine or other publication in which the article was published. Notice of January 9, 1992, 1135 O.G. 13 to 25 at 20.



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Form PTO - 1449 U.S. Department of Commerce
(Modified) Patent and Trademark Office

Information Disclosure
Statement by Applicant
(use several Sheets if necessary)

Attorney Docket No. 4794A
Serial No.: 10/039,447
Applicant: Ruettinger, et al.
Filing Date: November 9, 2001
Group No. Not Yet Assigned

B

U.S. PATENT DOCUMENTS

Exmr Initial		Patent Number	Issue Date	Patentee	Class	Sub-Class	Filing Date If Appropriate
	A1	4,492,770	1/8/95	Blanchard, et al.	502	304	
	A2	4,939,292	7/3/90	Elliot, et al.	560	239	
	A3	5,830,425	11/3/98	Schneider, et al.	423	437.2	
	A4	6,238,640	5/29/01	Eguchi, et al.	423	437.2	
	A5	10/035,549	not issued	Ruettinger, et al.			11/9/01
	A6	10/035,575	not issued	Shore, et al.			11/9/01
	A7	10/035,525	not issued	Shore, et al.			11/9/01

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exmr Initial		Document Number	Pubn Date*	Country or Patent Office	Class	Sub-Class	Translation? Yes No
	A8	WO 00/41799	7/20/00	PCT			
	A9	WO 01/17681 A2	3/15/01	PCT			
	A10	WO 01/47806 A1	7/5/01	PCT			
	A11	WO 01/60738 A2	8/23/01	PCT			
	A12	JP 2001/199706	2001	Japan			Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Place of Publication)**

	A13	Catalysis Letters. 73(1): 33-40, 2001 (Avgouropoulos). CuO-CeO ₂ mixed oxide catalysts for the selective oxidation of carbon monoxide in excess hydrogen.
	A14	Applied Catalysis A: General: 194-195, 2000 (Utaka). CO removal by oxygen-assisted water gas shift reaction over supported Cu catalysts.
Examiner		Date Considered

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO - 2)

- * Use publication date indicated on the patent or published application. 37 CFR 1.98(b).
** The place or publication refers to the name of the journal, magazine or other publication in which the article was published. Notice of January 9, 1992, 1135 O.G. 13 to 25 at 20.